Claim 39, line 2, delete"17" and substitute --47--.

Claim (Amended) A compound according to claim [1] which is N-methyl-l-norjirimycin, n-ethyl-lnojirimycin, N-n-butyl-l-nojirimycin, N-benzyl-lnojirimycin, N-allyl-l-nojirimycin, N-/(/-methoxy-ethyl)l-nojirimycin, [N-methyl-l-desoxy-nojirimycin,Nethyl-l-desoxynojirimycin, N-n-propyl-l-desoxy-nojirimycin, N-n-butyl-1-desoxy-nojirimycin,] N-n-pentyl-1-desoxynojirimycin, N-n-hexyl-l-desoxynojirimycin, [N-isobutyl-l-desoxy-nojirimycin,] N-benzyl-l-desoxynojirimycin, N-allyl-1-desoxy-[nojrimycin] nojirimycin, N-(-methoxyethyl)-1-desoxynojirimycin, N-methyl-1-desoxynojirimycin-l-sulphonic acid, N-octyl-l-desoxynojirimycin, N-nonyl-1-desoxy-nojirimycin, 1-tosylaminomethyl-1desoxy nojirimycin, N-methyl-1-tosylaminomethyl-1desoxynojirimycin, N-nonyl-l-acetylaminomethyl/-ldesogynojirimycin, N-methyl-benzoylaminomethyl-ldesoxynojirimycin, N-propargyl-l-dexosynojirimycin or N-(2-methylmercaptoethyl)-l-desoxy-nojirimycin.

Claim 11, line 1, delete "1" and substitute --47--; line 1, delete "Hepthyl" and substitute --Heptyl--.

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Claim 24 (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim [1] in admixture with a solid or liquefied gaseous diluent or in admixture with a liquid diluent other than a solvent of a molecular weight less than 200 except in the presence of a surface-active agent.

Claim 25 (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount of a compound according to claim [1] 1 in the form of a sterile or physiologically isotonic aqueous solution.

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Claim (Amended) A method of combating adiposity, diabetes and/or [hypereipaemia] hyperlipaemia in warm-blooded animals which comprises administering to the said animal an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of an active compound according to claim [1] Ameither alone or in admixture with a diluent or in the form of a medicament.

14 J4 Claim 27 (Amended) A medicament in dosage unit form for the treatment of diabetes, hyperlipaemia or adiposity comprising an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim [1] 47 and an inert pharmaceutical carrier.

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Claim (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim [17] in admixture with a solid or liquefied gaseous diluent or in admixture with a liquid diluent other than a solvent of a molecular weight less than 200 except in the presence of a surface-active agent.

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Claim 35 (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim [17] in the form of a sterile or physiologically isotonic aqueous solution.

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Claim 26 (Amended) A medicament in dosage unit form comprising an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim [17] 28 and an inert pharmaceutical carrier.

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Claim 28 (Amended) A method of combating adiposity, diabetes and/or hyperlipaemia in warm-blooded animals which comprises administering to the animals an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of an active compound according to claim [17] 18 either alone or in admixture with a diluent or in the form of a medicament.

Claim 40 (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim 18 in admixture with a solid or liquefied gaseous diluent or in admixture with a liquid diluent other than a solvent of a molecular weight less than 200 except in the presence of a surface-active agent.

Claim 41 (Amended) A pharmaceutical composition for the treatment of diabetes, hyperlipaemia or adiposity containing as an active ingredient an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound according to claim 18 in the form of a sterile or physiologically isotonic aqueous solution.

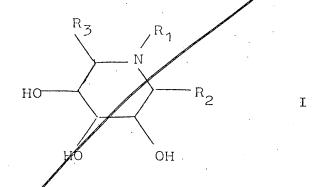
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Claim 42 (Amended) A medicament for the treatment of diabetes, hyperlipaemia or adiposity comprising an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of a compound of claim 18 in the form of tablets, pills, dragees, capsules, ampoules, or suppositories.

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Claim 43 (Amended) A method of combating adiposity, diabetes and/or hyperlipaemia in warm-blooded animals which comprises administering to the animals an effective amount for the treatment of diabetes, hyperlipaemia or adiposity of an active compound according to claim 18 either alone or in admixture with a diluent or in the form of a medicament.

Claim 47 (Amended) A compound of the formula



in which

R₁ is [1] 1 2 $^{-}$ C₃₀ alkyl, C₂-C₁₈ alkenyl, C₂-C₁₈ alkinyl, C₆-C₈ cycloalkyl, C₃-C₈ cycloalkenyl, C₃-C₈-cycloalkinyl [or] , phenyl



or substituted C₁-C₄-alkyl

(a),

said alkyl, cycloalkyl, cycloalkenyl and cycloalkinyl being unsubstituted or substituted by hydroxy, $C_1 - 4$ -alkoxy, acyloxy, amino, mono- c_1 - c_4 alkylamino, di- c_1 - c_4 alkylamino, acylamino, mercapto, C_1 - C_4 alkylthio, halogen, C_1 - C_4 /alkylcarbonyl, carboxyl nitro, cyano, formyl, sulfo, a heterocyclic radical derived from a hexose or pentose, attached to the alkyl moiety directly via a ring atom or via an -0-, -S- or -NH-bridge naphthyl or phenyl (b); said acyl being derived from an aliphatic carboxylic acid having from 1 to 7 C-atoms, a pheryl carboxylic acid, unsubstituted or substituted by carboxy, hydroxy, halogen, c_1 to c_4 alkyl, C_1 to C_4 alkoxy, nitro or amin, or a 5- or $\underline{6}$ -membered heterocyclic carboxylic acid containing from 1 to 3 hetero-atoms each of which is N, O or S, unsubstituted or substituted by ${
m C_1}$ to ${
m C_4}$ alkyl, chlorine, bromine of amino; . said phenyl (a) being unsubstituted or substituted by C_1 to C_{10} alkyl, C_1 to C_{10} chloroalkyl, C_1 to C_{10} nitroalkyl, C_1 to C_{10} cyanoalkyl, C_1 to C_{10} /alkenyl, hydroxyl, C_1 to C_4 alkoxy, amino, $mono-C_1$ to C_4 alkylamino, $di-C_1-C_4$ alkylamino, mercapto, C_1-C_4 alkylthio, carboxy $\frac{1}{2}$, C_1-C_4 carbalkoxy, sulfo, C_1-C_4 alkylsulfonyl, phenylsulfonyl, aminosulfonyl, C₁-C₄-alkylaminosulfonyl, di-C₁-C4 alkylaminosulfonyl, nitro, cyano, formyl, C1-C4 alkylcarbonylamino, C₁-C₄ alkylcarbonyl, benzoyl, benzylcarbonyl or

[phenylacylcarbonyl] phenylethylcarbonyl; said substituted C₁-C₄ alkyl being substituted by hydroxy,

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C1-C4-alkoxy, acyloxy, amino, mono-C1-C4 alkylamino, di- C_1-C_4 alkylamino, acylamino, mercapto, C_1-C_4 alkylthio, halogen, C1-C4 alkylcarbonyl, carboxyl, nitro, cyano, formyl, sulfo, a heterocyclic radical derived from a hexose or pentose, attached to the alkyl moisty directly via a ring atom or via an -0-, -S- or -NH-bridge, naphthyl or phenyl (a); said acyl being derived from an aliphatic carboxylic acid having from 1 to 7 C-atoms, a phenyl carboxylic acid, unsubstituted or substituted by carboxy, hydroxy, halogen, C₁ to C₂ alkyl, C₁ to C₂ alkoxy, nitro or amino, or a 5- or 6-membered heterocyclic carboxylic acid containing from 1 to 3 hetero-atoms each of which is N, 0 or S, unsubstituted or substituted by C, to/C, alkyl, chlorine, bromine or amino; said phenyl (a) being unsubstituted or substituted by C1 to C_{10} alkyl, C_1 to C_{10} chloroalkyl, C_1 to C_{10} nitroalkyl, C_1 to C_{10} cyanoalkyl, C_1 to C_{10} alkenyl, hydroxyl, C_1 to C_4 alkoxy, amino, mono-C₁ to C₄ alkylamino, di-C₁-C₄ alkylamino, mercapto, C1-C4 alkylthio, carboxyl, C1-C4 carbalkoxy, sulfo, C1-C4 alkylsulfonyl, phenylsulfonyl, aminosulforyl, C₁-C₄ alkylaminosulfonyl, di-C₁-C4 alkylaminosulfonyl, nitro, cyano, formyl, C1-C4 alkylcarbonylamino, C1-C4 alkylcarbonyl, benzoyl, benzylcarbonyl or [phenylacylcarbonyl] phenylethylcarbonyl; said naphthyl and naphthyl and phenyl (b) being unsubstituted or subs#ituted by hydroxyl, amino, C₁-C₄ alkylamino, di C_1 - C_4 alkylamino, C_1 - C_4 alkoxy, nitro, cyano, carboxy, C_1 - C_4 alkoxycarbonyl, C_1 - C_6 alkyl, halogen, C_1 - C_4 alkylthio, mercapto, C_1 - C_4 alkylsulfonyl, sulfur, aminosulfonyl or C_1 - C_4 alkylaminosulfonyl

R₂ is -H, -OH, -SO₃H, -CN, -CH₂NH₂, -CH₂NH-[]] (C₁ to C₁₄-alky1[])),

 $-CH_2NH-C-[[] (C_1 to C_{14}-alkyl[]]) -CH_2-NH-SO_2[[] (C_1 to C_{14}[])_alkyl(C_1)$

-CH₂-NH-SO₂-phenyl, - CH₂-NH-C-phenyl, -CH₂-NH-C-NH[[] \underline{C}_1 to C₁₄-

alkyl[]], -CH₂-NH-C-NH-phenyl, -CH₂-NH-C-NH[[](C_1 to C_{14} -alkyl[]]), 0

-CH₂-NH-C-NH-phenyl, -CH₂-NH-C-0-[[](C_1 to C_{14} -alkyl[]]) or \ddot{S}

-CH₂-NH-C-O-phenyl wherein phenyl is unsubstituted or substituted

by methyl, ethyl, methoxy, ethyl, methoxy, chlorine, bromine or nitro R_3 is -H, CH_3 , $-CH_2OH$, $-CH_2-NH_2$, $NHR'-CH_2-$, $NR'R''-CH_2-$, R'CONH-CH $R'CO-NR''CH_2-$, $R'O-CH_2$, $R'COOCH_2-$, $R'SO_2NHCH_2-$, $R'SO_2-NR''CH_2-$, $R'NH-CO-NH-CH_2-$, $R'NH-CN-CH_2-$, $R'NH-CN-CH_2$

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Claim 48 Amended) A compound of the formula

wherein

 R_2 is -CH,-CH₂NH₂,-CH₂NH-[[](C₁ to C₁₄- $\sqrt{1}$)),

-CH₂NH-C-[[](C₁ to C₁₄-alkyl[]]), -CH₂-NH-SO₂-[[](C₁ to C₁₄[]))-alkyl

-CH₂-NH-SO₂-phenyl, -CH₂-NH-C-phenyl, -CH₂-NH-C-NH[[] \underline{C}_1 to \underline{C}_{14} -

alkyl), -CH₂-NH-C-NH-phenyl, -CH₂-NH-C-NH[[](C_1 to C_{14} -alkyl),-CH₂- $\ddot{0}$

NH-C-NH-pheny1, -CH₂-NH-C-0-/[[](C₁ to C₁₄-alky1[]]) or -CH₂-NH-C-0-pheny1 $\ddot{0}$

wherein phenyl is unsubstituted or substituted by methyl, ethyl, methoxy, [ethyl, methoxy] chlorine, bromine, or nitro.

Claim 49 (Amended) A compound of the formula

$$R_3$$
 N
 R_2
 N
 R_2

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wherein

 $\begin{array}{l} {\rm R_2~is~H,~-SO_3H,~-CN,~-CH_2NH_2,~-CH_2NH-[]]\underline{(C_1~to~C_{14}-alky1[])},\\ {\rm -CH_2NH-C-[[]\underline{(C_1~to~C_{14}-alky1[])},~-CH_2-NH-SO_2-[[]~\underline{(C_1~to~C_{14}[])}-alky1[])} \end{array}$

 CH_2 -NH- SO_2 -phenyl, - CH_2 -NH-C-phenyl, - CH_2 -NH-C-N

alkyl), -CH₂-NH-C-NH-phenyl, -CH₂-NH-C-NH[[]C₁ to C_{14} -alkyl), -CH₂-

NH-C-NH-phenyl, $-CH_2$ -NH-C-O-[[](C₁ to C_{1/4}-alkyl[]]) or $-CH_2$ -NH-C-O-phenyl $\ddot{0}$

wherein phenyl is unsubstituted or substituted by methyl, [ethyl, methoxy], 'ethyl, methoxy, chloring, broming or nitro and R3 is CH_2 - NH_2 , $-CH_2$ -NHR', $-CH_2$ -NR'R', $-CH_2$ -NHCOR', $-CH_2$ -NR''-COR', $-CH_2OR'$, $-CH_2-OCOR'$, $-CH_2-NHSO_2R'$, $-CH_2-NR''-SO_2R'$, $-CH_2-NHCONH_2$, $-CH_2$ -NHCONHR', $-CH_2$ -NHCSNH $_2$, $-CH_2$ -NHCSNHR', $-CH_2$ -NH-COOR' wherein R' and r'' are the same or different and each is $\mathrm{C_{1}\text{-}C_{30}}$ alkyl, $\mathrm{C_{2}\text{-}C_{18}}$ alkenyl, $\mathrm{C_{2}\text{-}C_{18}}$ alkinyl, $\mathrm{C_{3}\text{-}C_{8}}$ cycloalkyl, C_3 - C_8 cycloalkenyl, C_3 - C_8 -cycloalkinyl or phenyl (a), said alkyl, cycloalkyl, cycloalkenyl and cycloalkinyl being unsubstituted or substituted by hydroxy, C_1 - C_4 -alkoxy, acyloxy, amino, mono- C_1 - C_4 alkylamino, di- C_1 - C_4 alkylamino, acylamino, mercapto, C_1 - C_4 alkylthio, halogen, C₁-C₄ alkylcarbonyl, carboxyl, nitro, cyano, formyl, sulfo, a heterocyclic radical derived from a hexose or pentose, attached to the alkyl moiety directly via a ring atom or via an -0-, -S- or MH-bridge, naphthyl or phenyl (b) said acyl being derived from an aliphatic carboxylic acid having from 1 to 7 C-atoms, a phenyl carobxylic acid, unsubstituted or substituted by carboxy,

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hydroxy, halogen, C_1 to C_4 alkyl, C_1 to C_4 alkoxy, nitro or amino, or a 5- or 6-membered heterocyclic carboxylic acid containing from 1 to 3 hetero-atoms each of which is N, 0 or S, unsubstituted or substituted by C_1 to C_{Δ} alkyl, chlorine, bromine or amino; said phenyl (a) being unsubstituted or substituted by C1 to \mathtt{C}_{10} alkyl, \mathtt{C}_1 to \mathtt{C}_{10} chloroalky \mathtt{I} , \mathtt{C}_1 to \mathtt{C}_{10} nitroalkyl, \mathtt{C}_1 to C_{10} cyanoalkyl, C_1 to C_{10} alkenyl, hydroxyl, C_1 to C_4 alkoxy, amino mono-C₁ to 2_4 alkylamino, di-C₁-C₄alkylamino, mercapto, C_1 - C_4 alkylthjo, carboxyl, C_1 - C_4 -carbalkoxy, sulfo, C_1 - C_4 alkylsulfonyl, phenylsulfonyl, aminosulfonyl, C_1 - C_4 alkylaminosulfonyl, di-C₁-C₄alkylaminosulfonyl, nitro, cyano, formyl, c_1 - c_4 alkylcarbonylamino, c_1 - c_4 alkylcarbonyl, benzoyl, benzylcarbonyl or phenylacylcarbonyl; said naphthyl and phenyl (b) unsubstituted or substituted by hydroxyl, amino, C_1-C_4 alkylamino, $di-C_1-C_4$ alkylamino, C_1 - C_4 /lkoxy, nitro, cyano, carboxy, C_1 - C_4 alkoxycarbonyl, C_1 - Q_6 alkyl, halogen, C_1 - C_4 alkylthio, mercapto, C_1 - C_4 alkylsulfonyl, sulfur, aminosulfonyleor C_1 - C_4 alkyl-

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minosulfonyl.